

ABSTRACT

LEARNING MEDIA DEVELOPMENT USING MICROSOFT POWERPOINT IN THE BASIC MEASUREMENT LESSON OF X GRADE STUDENTS IN THE SMK MA'ARIF SALAM MAGELANG

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This research aimed to: 1) develop PowerPoint as learning media of basic measurement lesson in the vocational school, 2) know the feasibility of powerpoint as the learning media in basic measurement lesson in the vocational school.

This research used research and development (R&D) method through some steps, there were (1) problem identification, (2) product development, (3) testing. This media applied in SMK Ma'arif Salam Magelang and determination of feasibility of the media based on the validation test from material and media expert and a try out to the students using questionnaire. 40 students were used of sampel grade X.

The result of this research study showed that learning media using PowerPoint software was success through 3 steps; there were problem identification, product development plan, testing from the teacher of material expert, media expert and the students. The feasibility percentage reached by the lecturer of material expert was 91,66% and by material expert was 88,3%, it meant that the material of basic measurement was in the very feasible category. The percentage reached by media expert was 80,00%, it meant that the learning media using PowerPoint was in the feasible category. From the students, the percentage reached 82,75%, it meant that the material of basic measurement was in the very feasible category. The students were interested and could understand the learning content trough the slide shown.

Key words: Learning media, PowerPoint, Basic Measurement

ABSTRAK

PENGEMBANGAN MEDIA PEMBELAJARAN MENGGUNAKAN MICROSOFT POWERPOINT PADA MATA PELAJARAN PENGUKURAN DASAR SISWA KELAS X DI SMK MAARIF SALAM MAGELANG

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Penelitian ini bertujuan untuk : 1) Mengembangkan *PowerPoint* sebagai media pembelajaran Pengukuran Dasar SMK, 2) Mengetahui tingkat kelayakan *PowerPoint* sebagai media pembelajaran Pengukuran Dasar SMK.

Penelitian ini menggunakan metode *Research and Development (R&D)* melalui beberapa tahap, yaitu (1) Identifikasi masalah, (2) Rancangan pengembangan produk, (3) Pengujian. Pengembangan media pembelajaran ini di terapkan di SMK Ma'arif Salam Magelang dengan penentuan tingkat kelayakan media pembelajaran berdasarkan uji validasi ahli materi, ahli media dan uji coba kepada siswa melaui angket. Sampel diambil sebanyak 40 siswa kelas X jurusan pemesinan.

Hasil penelitian menunjukkan bahwa pengembangan media pembelajaran menggunakan *PowerPoint* berhasil dikembangkan melalui 3 tahap, yaitu Identifikasi masalah, Rancangan pengembangan produk, pengujian dari guru ahli materi, ahli media dan siswa. Untuk Persentase kelayakan yang dicapai oleh ahli materi sebesar 91,66% dan oleh dosen ahli materi sebesar 88,33 %, dapat diartikan bahwa materi pengukuran dasar dalam kategori sangat layak. Persentase yang dicapai oleh ahli media adalah 80,00%, dapat diartikan bahwa media pembelajaran menggunakan *PowerPoint* dalam kategori layak. Dari siswa persentase yang dicapai adalah 82,75% dapat diartikan bahwa materi pengukuran dasar dalam kategori sangat layak. Siswa tertarik dan dapat memahami materi yang disampaikan melalui tampilan yang didesain secara atraktif.

Kata kunci : Media pembelajaran, *PowerPoint*, Pengukuran Dasar.